O PORCKET NO: 209127US23

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Corres. and Mail

IN RE APPLICATION OF

BOX AF

W. Allan MERZ, et al.

: EXAMINER: RAEVIS, R.

SERIAL NO: 10/717,661

FILED: November 21, 2003

: GROUP ART UNIT: 2856

FOR: ELECTRIC FURNACE

BOTTOM PROBE

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AMENDMENT AFTER FINAL UNDER 37 CFR 1.116

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

In response to the Office Action dated December 3, 2004, please amend the aboveidentified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.